

Figure 2 Reaction scheme for the synthesis of the 2-alkenyl substituted compounds of the invention.

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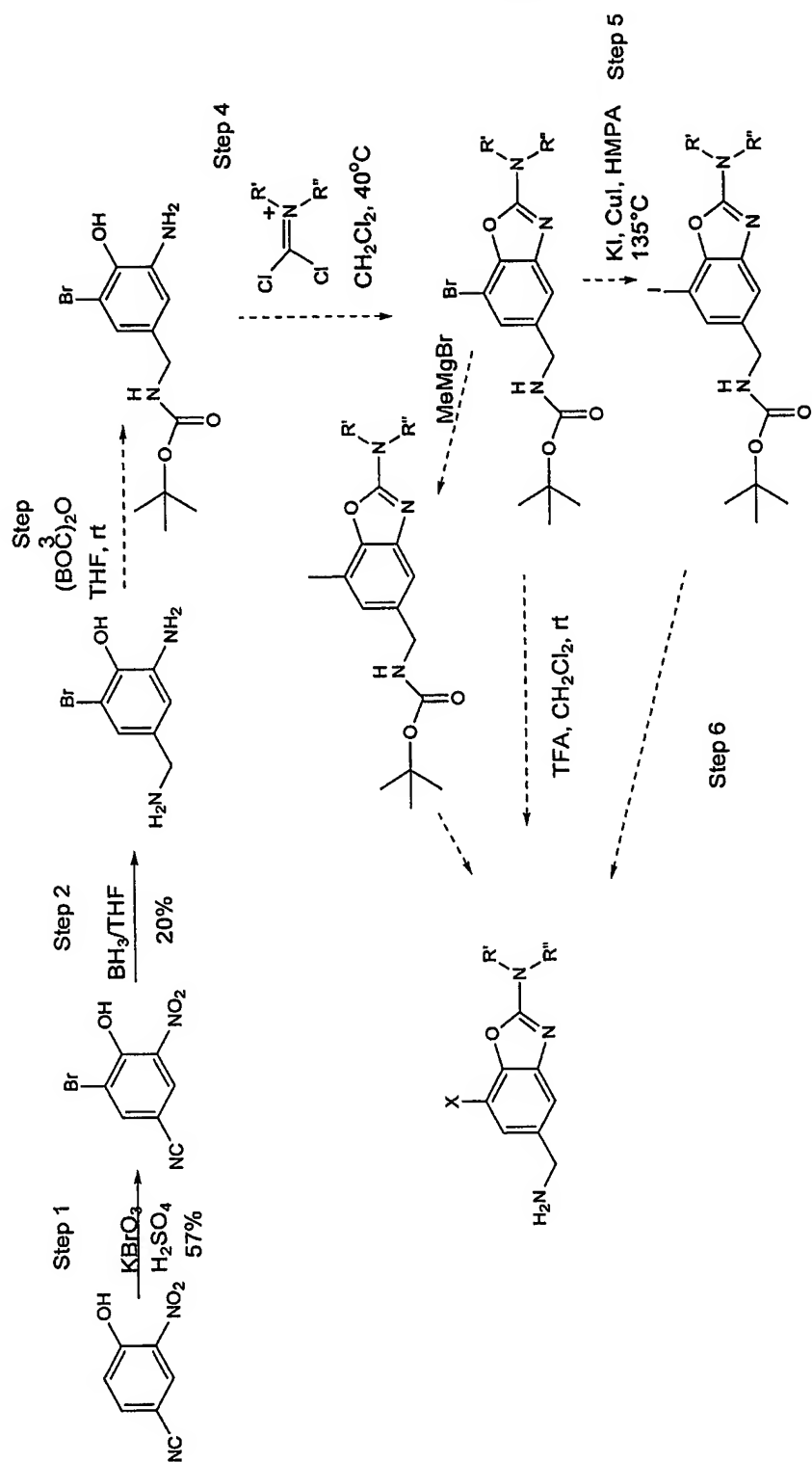


Figure 3 Reaction scheme for synthesis of the benzoxazole reactant.

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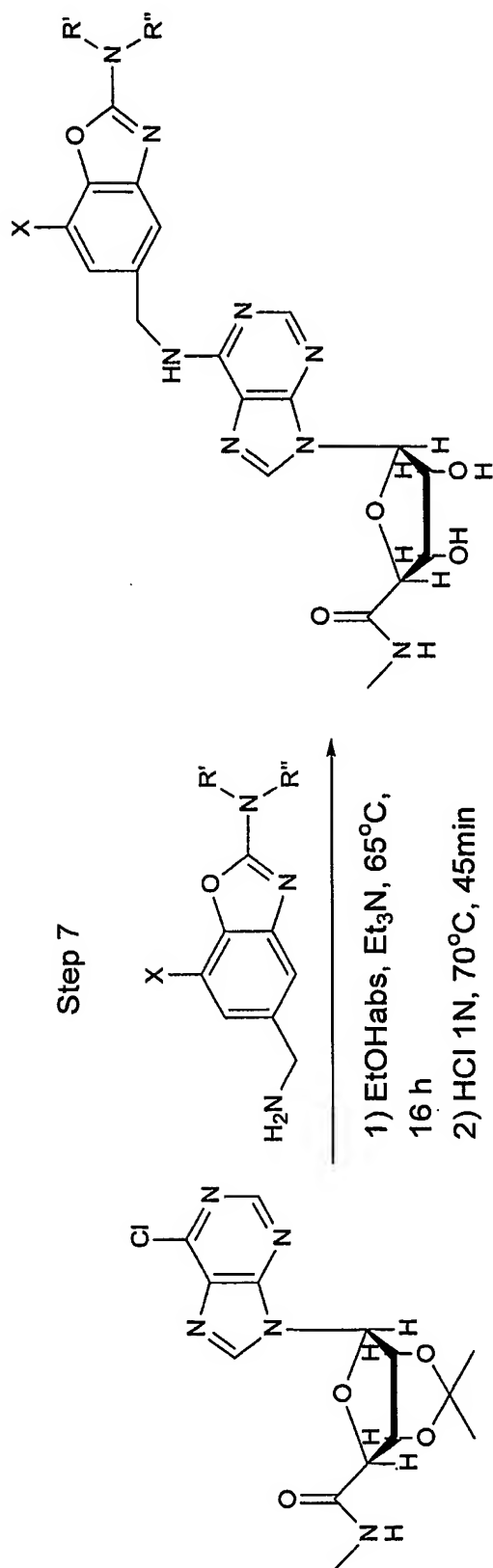


Figure 4 Reaction scheme for the synthesis of compounds in accordance with the second embodiment of the invention.

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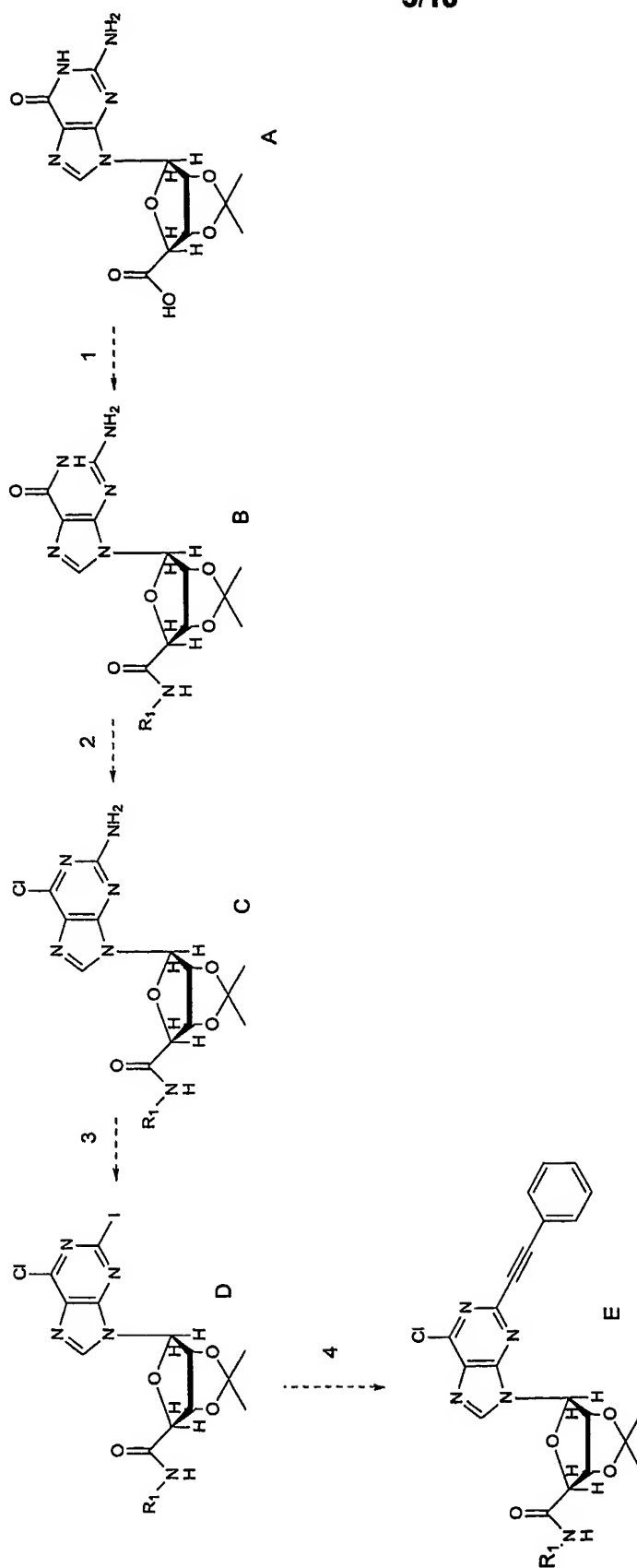


Figure 5 Reaction scheme for synthesis of 2-alkynyl substituted compounds of the invention.

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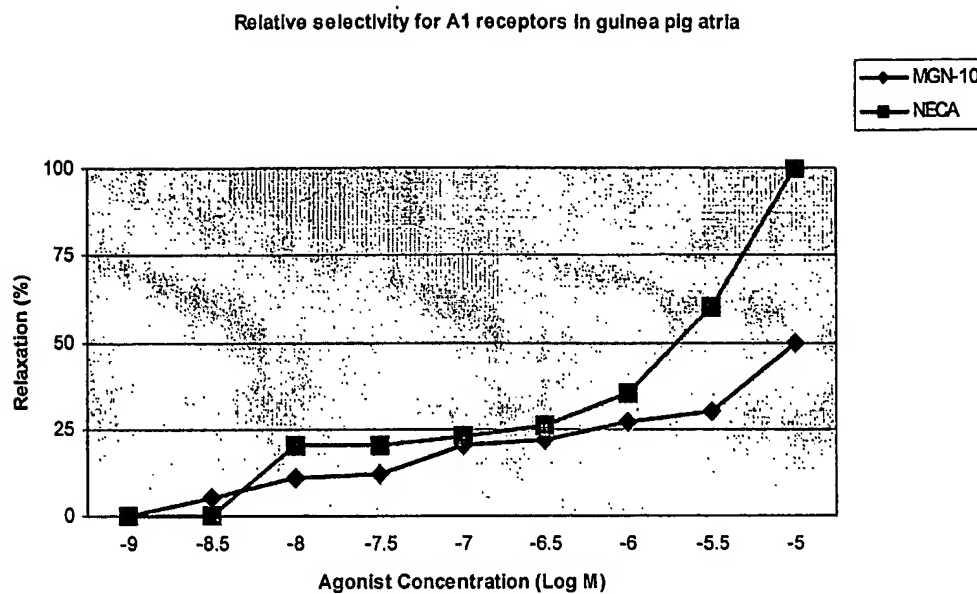


Figure 6 Graph of percentage relaxation of guinea pig atria (precontracted with carbachol) against \log_{10} of concentration (M) of compound 6 (diamond) and IB-NECA (square) agonists.

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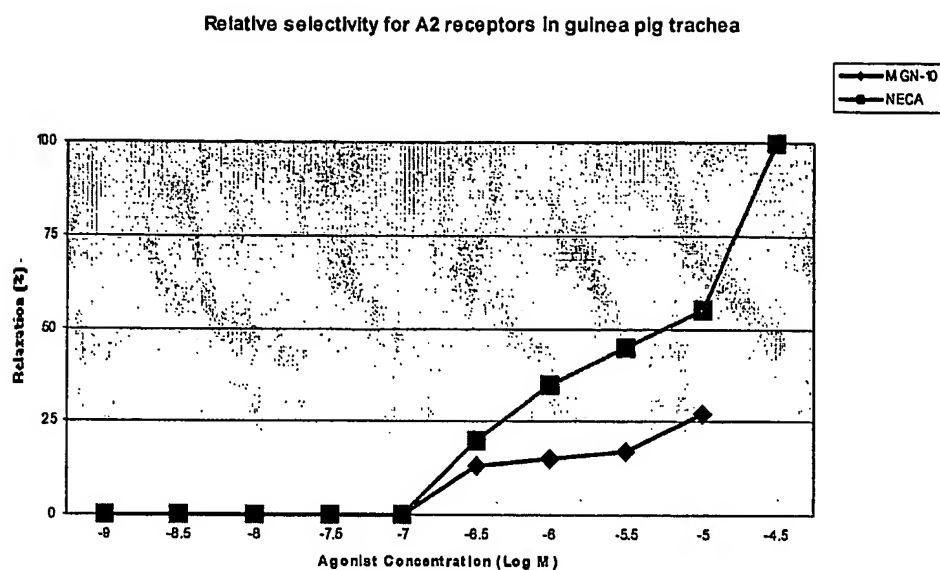


Figure 7 Graph of percentage relaxation of guinea pig trachea (precontracted with carbachol) against \log_{10} of concentration (M) of compound 6 (diamond) and IB-NECA (square) agonists.

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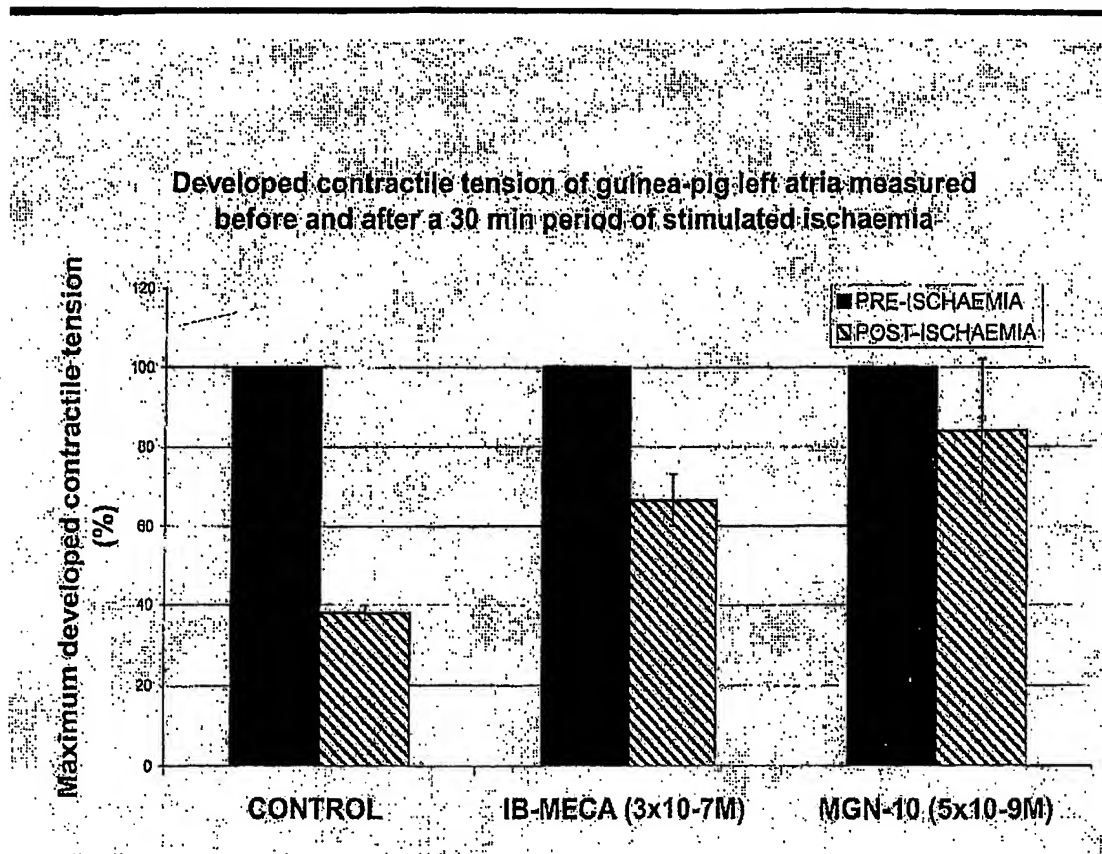


Figure 8 Developed contractile tension of guinea pig left atria measured before and after a 30 minute period of simulated ischaemia, with IB-MECA ($3 \times 10^{-7}M$) and compound 6 ($10^{-9}M$) introduced at the onset of regassing

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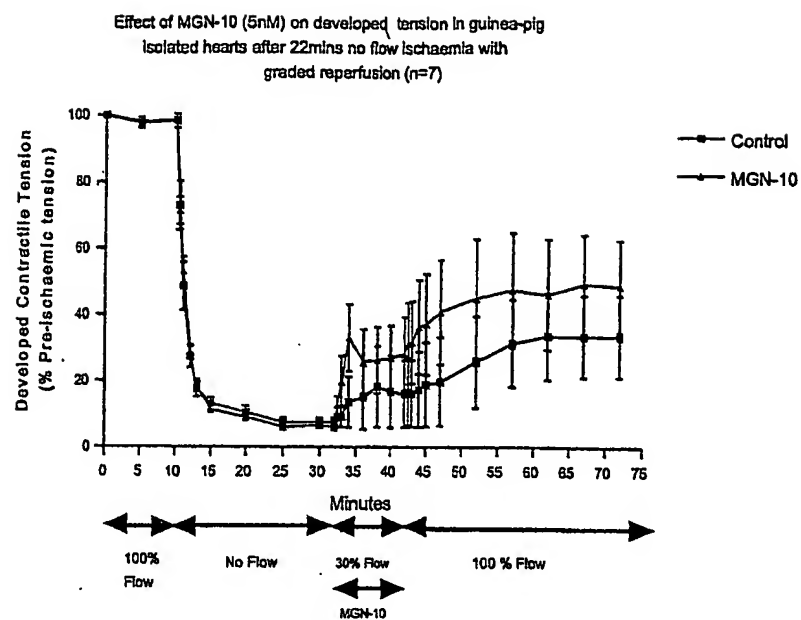


Figure 9

Effect of 17.5 mins no flow ischaemia on developed tension in isolated guinea-pig hearts after 2.5 mins pre-conditioning. Pulmonary artery had been cut.

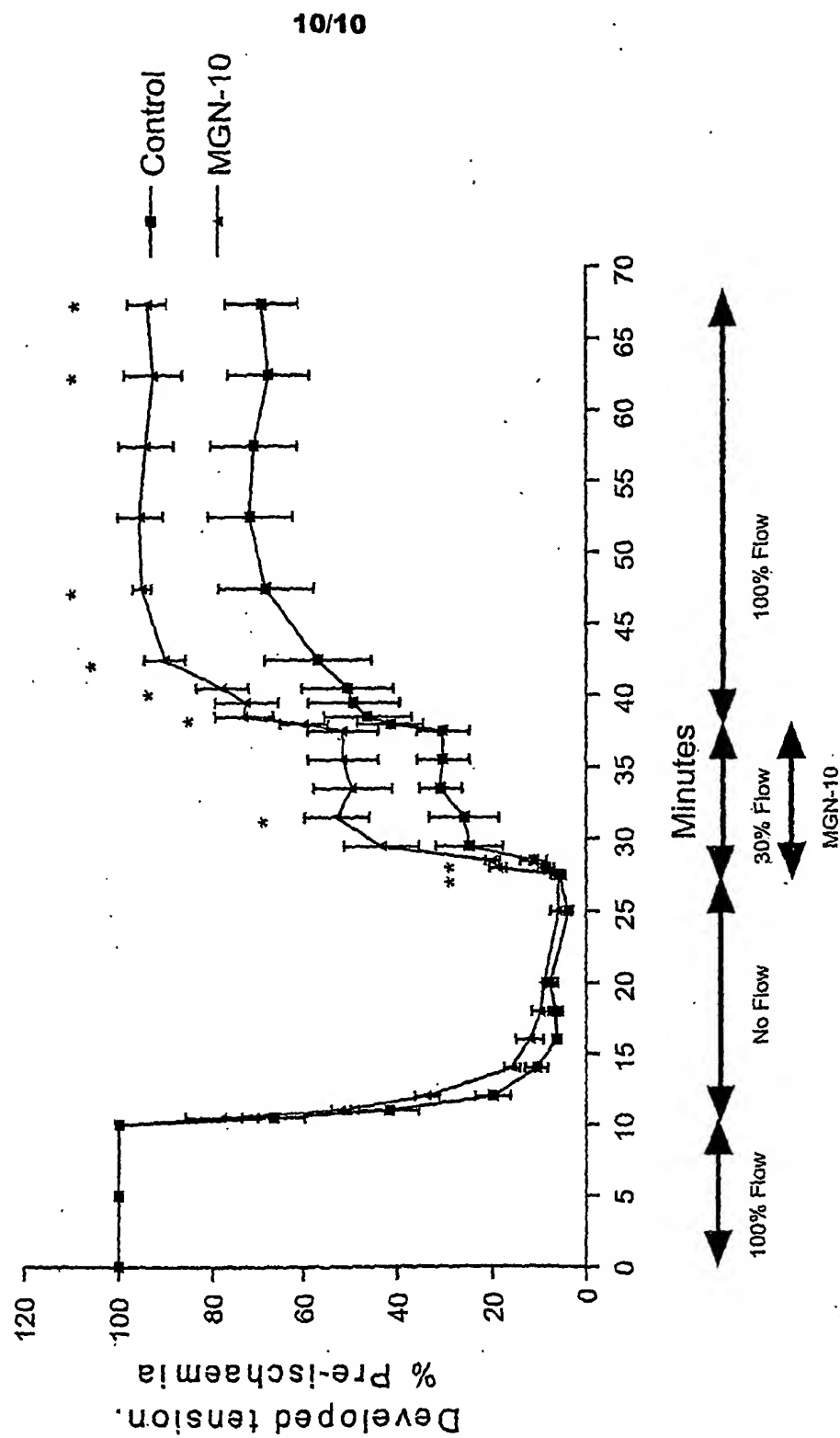


Figure 10